

IEEE HOME | SEARCH IEEE | SHOP | WEB ACCOUNT | CONTACT IEEE

IEEE Xplore RELEASE 1.4

Welcome
United States Patent and Trademark
Office

Help FAQ Quick Links » Search Results

Terms IEEE

Peer Review

Welcome to IEEE Xplore!

Home
 What Can I Access?
 Log-out

Tables of Contents
 Journals & Magazines
 Conference Proceedings
 Standards

Search
 By Author
 Basic
 Advanced

Member Services
 Join IEEE
 Establish IEEE Web Account
 Access the IEEE Member Digital Library

Your search matched **31** of **945031** documents.

A maximum of **31** results are displayed, **15** to a page, sorted by **Relevance** in **descending** order.

You may refine your search by editing the current search expression or entering a new one in the text box.

Then click **Search Again**.

power <and> failure <and> machine <and> preventing <or> protection <and> damage

Results:
Journal or Magazine = **JNL** Conference = **CNF** Standard = **STD**

16 Instantaneous stator power as a medium for the signature analysis of induction motors

Legowski, S.F.; Sadrul Ula, A.H.M.;

Trzynadlowski, A.M.;

Industry Applications Conference, 1995.

Thirtieth IAS Annual Meeting, IAS '95.,

Conference Record of the 1995 IEEE ,

Volume: 1 , 8-12 Oct. 1995

Page(s): 619 -624 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(1480 KB\)\]](#)

IEEE CNF

17 Environmental qualification of insulation systems for nuclear applications

Dymond, J.H.; Hare, W.W.;

Electrical Electronics Insulation

Conference, 1995, and Electrical

Manufacturing & Coil Winding

Conference. Proceedings , 18-21 Sept.

1995

Page(s): 675 -679

[\[Abstract\]](#) [\[PDF Full-Text \(708 KB\)\]](#)

IEEE CNF

18 The application of conductive and semi-conductive corona protection

tapes to VPI'ed high voltage stator coils

Emery, F.T.;
Electrical Electronics Insulation
Conference, 1995, and Electrical
Manufacturing & Coil Winding
Conference. Proceedings , 18-21 Sept.
1995
Page(s): 399 -403

[\[Abstract\]](#) [\[PDF Full-Text \(504 KB\)\]](#)

IEEE CNF

19 Experiences learned from the on-line internal monitoring of the behaviour of a transformer

*Sanz-Bobi, M.A.; Garcia-Cerrada, A.;
Palacios, R.; Villar, J.; Rolan, J.; Moran,
B.;*
Electric Machines and Drives Conference
Record, 1997, IEEE International ,
18-21 May 1997
Page(s): TC3/11.1 -TC3/11.3

[\[Abstract\]](#) [\[PDF Full-Text \(300 KB\)\]](#)

IEEE CNF

20 Power controller for mobile application

*Baggini, B.; Becker, R.; Schroder,
H.-U.; Burdenski, R.; Simon, M.;*
Circuits and Systems, 1999. 42nd
Midwest Symposium on , Volume: 2 ,
8-11 Aug. 1999
Page(s): 588 -591 vol. 2

[\[Abstract\]](#) [\[PDF Full-Text \(324 KB\)\]](#)

IEEE CNF

21 Critical states in generating mode of switched reluctance machines

*Menne, M.; Inderka, R.B.; De Doncker,
R.W.;*
Power Electronics Specialists
Conference, 2000. PESC 00. 2000 IEEE
31st Annual , Volume: 3 , 18-23 June
2000
Page(s): 1544 -1550 vol.3

[\[Abstract\]](#) [\[PDF Full-Text \(776 KB\)\]](#)

IEEE CNF

**22 Self excitation of induction
motors compensated by
permanently connected capacitors
and recommendations for IEEE Std
141-1993**

*Ermis, M.; Calir, Z.; Cadirci, I.;
Zenginobuz, G.; Tezcan, H.;*
Industry Applications Conference, 2000.
Conference Record of the 2000 IEEE ,
Volume: 5 , 8-12 Oct. 2000
Page(s): 3135 -3145 vol.5

[\[Abstract\]](#) [\[PDF Full-Text \(808 KB\)\]](#)

IEEE CNF

**23 Distinguishing between specific
deterioration phenomena in stator
windings and cross coupled PD**

Fenger, M.; Goodeve, E.; Warren, V.;
Electrical Insulation and Dielectric
Phenomena, 2000 Annual Report
Conference on , Volume: 2 , 15-18 Oct.
2000
Page(s): 582 -586 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(376 KB\)\]](#)

IEEE CNF

**24 The side effects of gassing in
transmission power transformers**

Sabau, J.; Stokhuyzen, R.;
Electrical Insulation and Dielectric
Phenomena, 2000 Annual Report
Conference on , Volume: 1 , 15-18 Oct.
2000
Page(s): 264 -267 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(316 KB\)\]](#)

IEEE CNF

**25 Harmonic losses in LCI fed
synchronous motors**

Emery, R.; Eugene, J.;

Petroleum and Chemical Industry Conference, 2001. IEEE Industry Applications Society 48th Annual , 24-26 Sept. 2001 Page(s): 289 -295

[\[Abstract\]](#) [\[PDF Full-Text \(1053 KB\)\]](#)

IEEE CNF

26 Analysis of three-phase induction machine operation under two-phase supply

Schreier, L.; Chomat, M.; Klima, J.;
Industrial Technology, 2002. IEEE ICIT '02. 2002 IEEE International Conference on , Volume: 1 , 11-14 Dec. 2002
Page(s): 107 -112 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(448 KB\)\]](#)

IEEE CNF

27 The industrial application of phase current analysis to detect rotor winding faults in squirrel cage induction motors

Rankin, D.R.;
Power Engineering Journal [see also Power Engineer] , Volume: 9 Issue: 2 , April 1995
Page(s): 77 -84

[\[Abstract\]](#) [\[PDF Full-Text \(672 KB\)\]](#)

IEE JNL

28 Survey of failure of surge protective capacitors and arresters on AC rotating machines report by working group 3.4.9 of surge protective devices committee

Jackson, D.W.;
Power Delivery, IEEE Transactions on , Volume: 4 Issue: 3 , July 1989
Page(s): 1725 -1729

[\[Abstract\]](#) [\[PDF Full-Text \(308 KB\)\]](#)

IEEE JNL

29 Reliability improvement and economic benefits of online monitoring systems for large induction machines

Siyambalapitiya, D.J.T.; McLaren, P.G.;
Industry Applications, IEEE Transactions on, Volume: 26 Issue: 6, Nov.-Dec.
1990
Page(s): 1018 -1025

[\[Abstract\]](#) [\[PDF Full-Text \(692 KB\)\]](#)

IEEE JNL

30 Instantaneous power as a medium for the signature analysis of induction motors

Legowski, S.F.; Sadrul Ula, A.H.M.;
Trzynadlowski, A.M.;
Industry Applications, IEEE Transactions on, Volume: 32 Issue: 4, July-Aug.
1996
Page(s): 904 -909

[\[Abstract\]](#) [\[PDF Full-Text \(1152 KB\)\]](#)

IEEE JNL

[\[Prev\]](#) [1](#) [2](#) [3](#) [\[Next\]](#)

[Home](#) | [Log-out](#) | [Journals](#) | [Conference Proceedings](#) | [Standards](#) | [Search by Author](#) | [Basic Search](#) | [Advanced Search](#)
[Join IEEE](#) | [Web Account](#) | [New this week](#) | [OPAC Linking Information](#) | [Your Feedback](#) | [Technical Support](#) | [Email Alerting](#)
[No Robots Please](#) | [Release Notes](#) | [IEEE Online Publications](#) | [Help](#) | [FAQ](#) | [Terms](#) | [Back to Top](#)

Copyright © 2003 IEEE — All rights reserved

WEST

[Help](#)[Logout](#)[Interrupt](#)[Main Menu](#) | [Search Form](#) | [Existing Events](#) | [Search Examples](#) | [Edit Database](#) | [Preferences](#) | [Help](#)**Search Results -**

Terms	Documents
(motor or rotat\$) same machine same control\$4 same synchron\$6 same (slow\$4 or decelerat\$ or reduce\$) with (stop or shut or disconnect\$ or standstill)	33

Database:

- US Patents Full-Text Database
- US Pre-Grant Publication Full-Text Database
- JPO Abstracts Database
- EPO Abstracts Database
- Derwent World Patents Index
- IBM Technical Disclosure Bulletins

Search:

Search History

DATE: Friday, June 27, 2003 [Printable Copy](#) [Create Case](#)

Set Name [Query](#)
side by side

Hit Count [Set Name](#)
result set

DB=USPT; PLUR=YES; OP=ADJ

L29	(motor or rotat\$) same machine same control\$4 same synchron\$6 same (slow\$4 or decelerat\$ or reduce\$) with (stop or shut or disconnect\$ or standstill)	33	L29
L28	brak\$4 same machine same control\$4 same synchron\$6 same (slow\$4 or decelerat\$ or reduce\$) with (stop or shut or disconnect\$ or standstill)	10	L28
L27	brak\$4 same roat\$ near machine same control\$4 same synchron\$6 same (slow\$4 or decelerat\$ or reduce\$) with (stop or shut or disconnect\$ or standstill)	0	L27
L26	machine\$1 or print\$ near machine or print\$4 near press or printer)and (prevent\$ or protect\$)and (damage or malfunction or failur or defect\$) and (power or energy) and synchron\$6 and motor\$1 and control\$4 and (rotor\$ or motor) same sysnchron\$6 same ((slow\$ or decelerat\$) with (stop or shut)	0	L26
L25	machine\$1 or print\$ near machine or print\$4 near press or printer)and (prevent\$ or protect\$)and (damage or malfunction or failur or defect\$) and (power or energy) and synchron\$6 and motor\$1 and control\$4 and	0	L25

	(rotor\$ or motor) same sysnchron\$6 same ((slow\$ or decelerat\$) with (stop or shut)	
<u>L24</u>	machine\$1 or print\$ near machine or print\$4 near press or printer) same (prevent\$ or protect\$) same (damage or malfunction or failur or defect\$) same (power or energy) and synchron\$6 and motor\$1 and control\$4 and (rotor\$ or motor) same sysnchron\$6 same ((slow\$ or decelerat\$) with (stop or shut)	0 <u>L24</u>
<u>L23</u>	(machine\$ or printer) same synchron\$ with motor\$1 with control\$4 with (slow\$ or decelerat\$) with (stop or shut)	5 <u>L23</u>
<u>L22</u>	(machine\$ or printer) same synchron\$ with motor\$1 with control\$4 with (slow\$ with stop)	2 <u>L22</u>
<u>L21</u>	printer and synchron\$ with motor\$1 with control\$4 with power same (slow\$ with stop)	0 <u>L21</u>
<u>L20</u>	printer and synchron\$ with motor\$1 with control\$4 with power	45 <u>L20</u>
<u>L19</u>	printer and synchron\$ and motor\$1 and control\$4 and power	8190 <u>L19</u>
<u>L18</u>	((361/243)!..CCLS.)	92 <u>L18</u>
<i>DB=USPT,PGPB; PLUR=YES; OP=ADJ</i>		
<u>L17</u>	(4737887 5566042 5847945 5939993)!.[pn]	4 <u>L17</u>
<i>DB=USPT; PLUR=YES; OP=ADJ</i>		
<u>L16</u>	6437963.pn.	1 <u>L16</u>
<u>L15</u>	6437963.pn. and reduce\$	1 <u>L15</u>
<u>L14</u>	(synchron\$ or simultaneous or harmonics) near4 operation and (power or energy) near (failure or damage) and circuit near break\$4	87 <u>L14</u>
<u>L13</u>	(power or energy) near failure and circuit near break\$4 and (two or plurality) near control\$4 with (two or plurality) near2 motor\$4	4 <u>L13</u>
<u>L12</u>	event near4 (power or energy) near failure and circuit near break\$4 and (two or plurality) near control\$4 and (two or plurality) near2 motor\$4	4 <u>L12</u>
<u>L11</u>	event near4 (power or energy) near failure same (prevent\$4 near4 damage) and circuit near break\$4 and (two or plurality) near control\$4 and (two or plurality) near2 motor\$4	0 <u>L11</u>
<u>L10</u>	dirve\$ near motors near4 drive near controllers	0 <u>L10</u>
<u>L9</u>	(machine\$1 or print\$ near machine or print\$4 near press or printer) and (reduce\$ or slow\$) near (diconnect\$ or shut\$ or off or stop) near4 (energy or power or break)	194 <u>L9</u>
<u>L8</u>	(machine\$1 or print\$ near machine or print\$4 near press or printer) and (reduce\$ or slow\$) near (diconnect\$ or shut\$ or off or stop) same (energy or power or break)	590 <u>L8</u>
<u>L7</u>	(machine\$1 or print\$ near machine or print\$4 near press or printer) and (reduce\$ or slow\$) near4 (diconnect\$ or shut\$ or off or stop) same (energy or power or break)	2146 <u>L7</u>
<u>L6</u>	(machine\$1 or print\$ near machine or print\$4 near press or printer) same (prevent\$ or protect\$) same (damage or malfunction or failur or defect\$) same (power near supply or energy)and detect\$	233 <u>L6</u>
<u>L5</u>	(machine\$1 or print\$ near machine or print\$4 near press or printer) same (prevent\$ or protect\$) same (damage or malfunction or failur or defect\$) same (power near supply or energy) and control\$ and monitor\$ and motor and detect\$ and ((reduced near4 disconnect\$4) or (slow\$4 near4	3 <u>L5</u>

	disconnect\$4) or (slow\$ near4 stop) or (slow\$ near4 shut\$) or (reduced near4 shut\$))		
<u>L4</u>	L3 and (real time or presen\$4) and (synchron\$6 or together or sequen\$ or parall\$ or simultane\$) same (operat\$ or brak\$) same (slow\$ or reduce\$) same (shut or off or standstill)	14	<u>L4</u>
<u>L3</u>	L2 and (real time or presen\$4) and (synchron\$6 or together or sequen\$ or parall\$ or simultane\$)	230	<u>L3</u>
<u>L2</u>	L1 and drive near motor and power supply and control\$4	280	<u>L2</u>
<u>L1</u>	control\$4 and monitor\$4 and (failur or fault or damage or malfunction) same (privent\$ or protect\$) and machine and motor and rotat\$4	1485	<u>L1</u>

END OF SEARCH HISTORY